

Converting Colors

XYZ(52.9892, 65.6438, 27.5993)

Have a look what the booklet for
XYZ(52.9892, 65.6438, 27.5993)
contains.

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Color

**XYZ(53.0646, 65.7407,
27.6617)**

Conversions

Conversions Part 1

Format	Color
Hex	C7DE78
RGB	199, 222, 120
RGB Percent	78%, 87%, 47%
CMY	0.2196, 0.1294, 0.5294
CMYK	0.10, 0.00, 0.46, 0.13
HSL	74°, 61%, 67%
HSV	74°, 46%, 87%
XYZ	53.0646, 65.7407, 27.6617
YIQ	203.4950, 19.0340, -36.5980

Conversions

Conversions Part 2

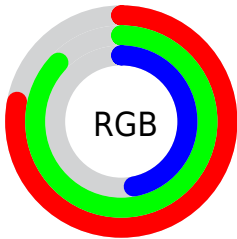
Format	Color
RYB	120, 222, 143
Decimal	13098616
CIELab	84.86, -23.05, 47.23
CIELCh	85, 52.558, 116.010
Yxy	65.7407, 0.3623, 0.4488
Android (android.graphics.Color)	4291288696 (0xFFC7DE78)
YUV	203.4950, -41.1630, -3.9421
Hunter-Lab	81.0806, -25.0688, 36.5289

Details

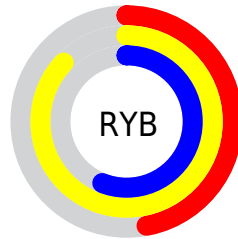
The XYZ color **53.0646, 65.7407, 27.6617** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.2315, 24.5482, 72.2032**, and the grayscale version is **57.3202, 60.3053, 65.6725**.

A 20% lighter version of the original color is **84.6400, 95.8360, 54.0816**, and **26.1898, 33.8944, 10.6308** is the 20% darker color. If you saturate the color by 10%, you get **50.5643, 64.5919, 21.3088**, and if you desaturate by 10%, it is **55.9242, 67.0429, 35.6643**.

Distribution



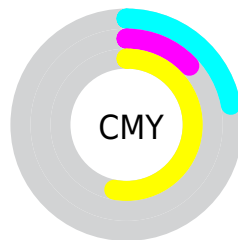
- Red (78%)
- Green (87%)
- Blue (47%)



- Red (47%)
- Yellow (87%)
- Blue (56%)



- Cyan (10%)
- Magenta (0%)
- Yellow (46%)
- Black (13%)




- Cyan (22%)
- Magenta (13%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0646, 65.7407, 27.6617 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 53.0646, 65.7407, 27.6617 by changing the saturation by 10% instead.


 53.0646, 65.7407,
27.6617


 53.0646, 65.7407,
27.6617


388.7897,
445.4490, 304.7078


 38.0820, 48.0619,
17.8340


 93.8644, 113.1141,
56.9605

 26.2239, 33.8759,
10.6627


 120.4123,
143.5775, 77.2686

 17.1247, 22.7983,
5.7292


 151.5461,
179.0713, 101.9073

 10.4193, 14.4447,
2.6150

187.6310,
219.9798, 131.2950

 5.7422, 8.4306,
0.9002

229.0325,
266.6874, 165.8504

 2.7282, 4.3717,
0.0000

276.1159,

 1.0117, 1.8836,

319.5785, 205.9920

0.0000

329.2465,
379.0376, 252.1382

0.0000, 0.5385,
0.0000

0.0000, 0.0000,
0.0000

53.0646, 65.7407,
27.6617

53.0646, 65.7407,
27.6617

50.5643, 64.5919,
21.3088

55.9242, 67.0429,
35.6643

48.3961, 63.5787,
16.4863


59.1586, 68.4977,
45.4169


46.5366, 62.6939,
13.0651


62.7878, 70.1157,
57.0164


44.9565, 61.9257,
10.8936


66.8291, 71.9036,
70.5516

 43.6197, 61.2597,
9.7838


 71.2987, 73.8682,
86.1055

 43.1216, 61.0087,
9.5031

 76.2118, 76.0154,
103.7563

 78.1206, 76.9662,
105.3463

 79.7884, 77.8260,
105.4244

 81.5030, 78.7099,
105.5046

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.0748, 65.7407, 24.3955



53.0646, 65.7407, 27.6617



45.5158, 65.7407, 41.0830

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.0646, 65.7407, 27.6617



50.6527, 65.7407, 140.0014



87.9266, 65.7407, 76.1923

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.0646, 65.7407, 27.6617



31.2315, 24.5482, 72.2032

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.2199, 65.7407, 114.3383



53.0646, 65.7407, 27.6617



60.9209, 65.7407, 157.8039

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.0646, 65.7407, 27.6617



44.2511, 65.7407, 103.9791



72.9582, 65.7407, 147.1840



85.1434, 65.7407, 46.7255

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.0646, 65.7407, 27.6617



42.9741, 65.7407, 57.0089



72.9582, 65.7407, 147.1840



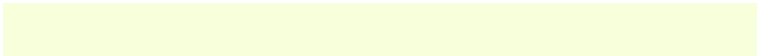
87.1538, 65.7407, 88.4447

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.0662, 65.7436, 27.6631



86.9253, 96.4150, 81.2536



43.2046, 36.2633, 22.4926



18.3594, 20.5275, 16.5826



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.0662, 65.7436, 27.6631



69.3852, 88.4986, 29.5693



41.8899, 59.9820, 27.1400



14.5536, 15.8656, 14.6021



25.7122, 36.2876, 5.6490



1.8573, 2.5540, 0.3951

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.2315, 24.5482, 72.2032



36.0743, 25.5706, 97.6420



41.9214, 30.0590, 72.7035



13.2398, 13.3916, 17.2747



8.6943, 3.5774, 41.2806



0.6799, 0.2878, 2.8650

Previews

White Background



This preview shows how the XYZ color 53.0646, 65.7407, 27.6617 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 53.0646, 65.7407, 27.6617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0646, 65.7407, 27.6617

Background



This preview shows how black text looks on a background with the XYZ color 53.0646, 65.7407, 27.6617.



This preview shows how white text looks on a background with the XYZ color 53.0646, 65.7407,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.0646, 65.7407, 27.6617

Protanopia

60.3001, 65.6716, 26.0207

Deuteranopia

66.4573, 65.1398, 30.5433



Tritanopia

63.9254, 65.5812, 81.2407

Trichromacy



Original Color

53.0646, 65.7407, 27.6617

Protanomaly

57.5855, 65.7682, 26.4891

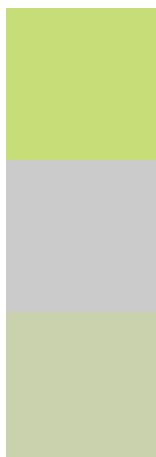
Deuteranomaly

60.8922, 64.7954, 29.3761

Tritanomaly

58.7483, 64.9464, 56.4532

Monochromacy



Original Color

53.0646, 65.7407, 27.6617

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

54.9465, 61.6669, 48.5421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0646, 65.7407, 27.6617 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(199, 222, 120)` looks like.

```
.text, #text, p{  
    color:rgb(199, 222, 120)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(199, 222, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 222, 120) }
```

Border

The CSS property to change the border of an element to XYZ 53.0646, 65.7407, 27.6617 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 222, 120) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(199, 222, 120) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(199, 222, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 222, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 222, 120);  
box-shadow:4px 4px 4px 4px rgb(199, 222,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0646, 65.7407, 27.6617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 222, 120) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(199,  
222, 120) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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